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STERN #20 SANTA FE 230 E/2 23-19N-27E APACHE CO.

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JUNIT APACHE	<del></del>	AKEA II WI	o, diamo	bbitod ito	
ELL NAME <u>Eastern P</u>	<u>etroleum C</u>	ompany #20	Santa F	<b>3</b>	
CATION <u>C/ E/2</u> LEV 6157' GR 6180+ GL from USG CONTRACTOR 5890 KB	KB SPU S 7½' quad	D DATE 7-	RANGE -15-63	27E FOOTAGE 26 STATUS COMP. DATE 7	7-20-63 DEPTH 1557'
CASING SIZE DEPTH	CEMENT	LINER S		DRILLED BY PRODUCTIVE	ROTARY X  CABLE TOOL  RESERVOIR  DUCTION D&A
FORMATION TOPS	DEPTHS	SOURC	E.L.	REMARKS	
Coconino	15431		×		
CLECTRIC LOGS	PEI	RFORATED IN	TERVALS	PROD. INTERVALS	SAMPLE LOG Am Strat
Induction-Elec. L		NA		NA	SAMPLE DESCRP. SAMPLE NO. 1792 CORE ANALYSIS DSTs
REMARKS					APP. TO PLUG  PLUGGING REP. ×  COMP. REPORT ×
WATER WELL ACCEPTED	BY				dom , killoki y
BOND CO. United	States Fid	elity & Gua	aranty C	BOND NO	27716-13-3983-65
BOND AMT. \$ 25,000		CANCELLED _		5 ORGANIZATION	9-17-63
FILING RECEIPT 933 API NO.				WELL BOOK × DEDICATION	PLAT BOOK × A11
PERMIT NUMBER 2	_ =		<del></del>		

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	W	FIT COV			TE TYPE (		ETION:	·	** CLL				GE
New Wo	ork-	Deepen		lack DESCRI	Same Reserve		Diffe Rese	voir	Oil		Gas [		ory X
Operator						Address		x 291,	Carmi	т1	linois		
Easters Federal, State or In		leum Co		scor if fe	e lease	Well Num		Field & I			111015		
		Fe Fee		.3301 11 10	ic ivase	20		Wi]	ldcat				
Location				_		Cour	-						1
2640 Sec. TWP-Range of			W of E	<u>L</u>				pache					
22-19N				<u></u>									
Date spudded			depth reac		Date comple produce	ted, ready t	) [I	levation F, RKB, I	RT or G	r.) feet	Elevation hd. flang		feat
7-15-63 Total depth		/-2 P.B.T.D.	20-63	<u> </u> 	Single, dual	or triple co	npletio		1 Te abl	a la a di	ual or tri	ple comp	oletion,
1557						<del> </del>			pletlo	n.			
Producing interva	(a) for th	ls completio	on			<u> </u>	0 - 1				tools used	i (snterv	·
Was this well dir No	ectionally d	irilied? Wa	s direction	al surve	made?	Was copy filed?	of dire	ctional sur	vey	Date f	iled		
Type of electrical	or other		heck logs fl	lied with	the commi	ssion)		_		Date f	filed		
-						RECORD							
Casing (report a		et in well- ole drilled		surface,		te, producii (lb./ft.)		epth set	Sa	icks cer	nent	Amt	pulled
Surface	8	5/8	7	11				97		7			-0-
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	UBING R	ECORD	<u>.</u>	<u>-</u>	<u> </u>			LINER R	ECORD				
Size	Depth set	Pa	cker set at	Size		Тор		Bottom		Sacks	cement	Scree	en (ft.)
In.	1979	oration		ft.	in		IL. SH	OT, FRAC	ft. TURE,	CEMEN	T SQUE	eze re	ECORD
Number per ft.	Size &			oth Inter	val	!		of materia		[		h Interv	
	<u> </u>		<del></del>		INITIAL	PRODUCTION	)N			<u> </u>			
Date of first pr	oduction	P	roducing m	ethod (ii	idicate it flo			pumping—i	f pumpir	ng, abov	v size &	type of	pump:)
Date of test 1	irs. tested	Choke	size	Oil prod	during tes	- 1	đ. đuri	-	Water p	rođ. dur		Oil gr	
	1 Casin	g pressure	Calitad	rate of F	bbls ro-  Oil	· <u> </u>	Gas	MCF	l w	ater	bbls.	<del>!                                    </del>	API (Corr)
Tubing pressure			duction	per 24	hrs.	bbls.	<u> </u>	M	CF		bbis.	<u> </u>	
Disposition of g	as (state w	hether veni	ied, used fo	or fuel or	sold):								·····
CERTIFICATE:	I the unde	reigned und	ler the nens	lty of ne	riury, state t	hat I am the	•	Secr	etary				of the
Eastern											ska thie r		
report was prej	ared under	my supervi	sion and dir	ection an		and that I a icts stated th	erein ar	e true, corr	ect and	omplete	to the be	st of my	knowledge.
Novem	iber 22	. 1965	/	17/18	1113	<i>`</i>		$\lambda h$	Vest.	wu.	)		
Date	TOCI EL	, 2005		S. 1/2		O Sign	iature	1			<u></u>		
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<u></u>			10	7	2	<del>11</del>			TATE (	7E 4 P *	7081 4		
			13	, -O	7. 6 X		OIL	5 & GAS &	TATE ( CONSEI			1MISSIC	ON
للتفريد	# 48-Avens		\	Tim		7	Well	Completion	or Reco	mpletio	n Report	and Wel	l Log
Permit No. 2	30			61	1817	For	m No. 4		File	One Co	p <i>y</i>		
LETING NO.													

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(Complete Reverse Side)

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DETAIL OF FORMATIONS PENETRATED

Formation	Тор	Bottom	Description*
			No tests, no cores
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	1.		· · · · · · · · · · · · · · · · · · ·

<sup>\*</sup> Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

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		•	PLUG	GING RE	CORD	<b>\</b>		
perator	<del></del>			Add	ireas	001 -	. ~11.	i a
Easter	n Petroleum	Company		Well No.	P. O. BOX	c 291, Carr	11, 11111	iora
ame of Lease	6	700		20	Wild	-		
Easter ocation of Wel	<u>n Santa Fe F</u>	<u> </u>		· -×	Sec-	Twp-Rge or Bloc	k & Survey	County
26401	S of NL: 132	O' W of	EL.	1	23-	-19N-27E	itial areduct	Apache
pplication to de name of	rill this well was file	ed 1	produced oil or i		aracter of Well a Oll (bbls/day)	Gas (MC	CF/day)	Dry? Yes
Easter	rn Petroleum	Co.	No			<u> </u>	1	162
ate plugged:		1	Total depth	Ап	nount well produ Oil (bbls/day)	cing when plugs Gas (Mo	CF/day) {	Water (bbls./day)
7-20-6	53		1557	<u> </u>			1 01- 11-	. danth -# -le
Tame of each for aining oil or ga which formation ore at time of	open to well-	Fiuld conten	at of each forma	ition De	epth interval of e	each formation	Indicate zo	& depth of plugs used nes squeeze cemented, unt cement.
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							- <del></del>	
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		<u> </u>					<u> </u>	
	In. 1 12:	1 Dullad aut	(ft.) Left in w	ASING REC	CORD live depth and		Packers and	shoes
Size pipe	Put in well (ft.)	Puneo out	(ic.) Leit iii w	ıme	thod of parting casing (shot, ripped etc)			
7"	97		97					
							- <del></del>	
Was well filled	with mud-laden flu	id, according	to regulations?	1	indicate deepest	formation contai	ining fresh w	ater.
	NAMES AND AL		E ATMACENT	LEASE OF	PERATORS OF	OWNERS OF T	HE SURFAC	CE
	NAMES AND AI	DDRESSES O		DEMOE OF	MINATURE OR		tion from thi	
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In addition to plugging one	other information ations to base of fir irface owner author ight be required.	required on t esh water sa izing complet	his form, if thi nd, perforated ion of this well	s well was pinterval to	plugged back for fresh water san r well and agree	use as a fresh wid, name and ading to assume f	rater well, giv idress of sur- uli liability fo	e all pertinent details face owner, and atta r any subsequent plu
In addition to plugging one	ILIBGE OMURL WATHIN	required on t esh water sa izing complet	his form, if thi nd, perforated ion of this well	s well was ; interval to l as a wate	plugged back for fresh water san r well and agree	use as a fresh w d, name and ad ing to assume f	rater well, giv idress of sur ull liability fo	e all pertinent details face owner, and atta r any subsequent plu
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In addition to plugging on su ging which m	ide for additional de	rail				use as a fresh w d, name and ad ing to assume f	ater well, giv idress of sur ull liability fo	e all pertinent details face owner, and atta r any subsequent plu
In addition to plugging on su ging which m	ide for additional de	rail e State of Ariz	zona Oii & Gas	Conservation	n Commission			
In addition to plugging on su ging which m  Use reverse s File this form	ide for additional der in duplicate with the	rail e State of Ari	tona Oil & Gas	Conservation	n Commission	Secretar	у	of t
In addition to plugging oper- letter from su ging which m  Use reverse s File this form  CERTIFICAT:	ide for additional de in duplicate with the	rail e State of Aria under the pe	cona Oil & Gas on alty of perjury	Conservation	n Commission	Secretar	y	
In addition to plugging oper- letter from su ging which m  Use reverse s File this form  CERTIFICAT:	ide for additional de in duplicate with the	rail e State of Aria under the pe	cona Oil & Gas on alty of perjury	Conservation	n Commission	Secretar	y	of t
In addition to plugging oper- letter from su ging which m  Use reverse s File this form  CERTIFICAT:	ide for additional de in duplicate with the	rail e State of Aria under the pe	cona Oil & Gas on alty of perjury	Conservation	n Commission	Secretar	y	
In addition to plugging oper- letter from su ging which m  Use reverse s File this form  CERTIFICAT:	ide for additional de in duplicate with the	rail e State of Aria under the pe	cona Oil & Gas on alty of perjury	Conservation	n Commission	Secretar	y	
In addition to plugging oper letter from su ging which m  Use reverse s File this form  CERTIFICAT  Eastern report was po	ide for additional de in duplicate with the E. I, the undersigned Petroleum Crepared under my su	rail e State of Aria under the pe company pervision and	cona Oil & Gas on alty of perjury	Conservation	n Commission	Secretar	y	
In addition to plugging oper- letter from su ging which m  Use reverse s File this form  CERTIFICAT  Eastern report was po	ide for additional de in duplicate with the	rail e State of Aria under the pe company pervision and	cona Oil & Gas on alty of perjury	Conservation	n Commission  I am the  that I am author stated therein are  Signate	Secretary  Ized by said compliance, correct and  Medur	y	of this report; and that the best of my knowledge
In addition to plugging oper letter from su ging which m  Use reverse s File this form  CERTIFICAT:  Eastern report was pu	ide for additional de in duplicate with the E. I, the undersigned Petroleum Crepared under my su	rail e State of Aria under the pe company pervision and	cona Oil & Gas on alty of perjury	Conservation	n Commission  I am the  that I am author stated therein are  Signate	Secretary  Ized by said completed and	y	this report: and that the best of my knowledge
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APPLICA	ATION FOR PERMIT TO I	DRILL, DEEPEN OF	PLUG BACK
,	APPLICATION TO DRILL X	DEEPEN [] PLUG	BACK []
			PATE 4
AME OF COMPANY OR OPERATOR	Eastern Petroleum	Company	DATE April 11, 1963
Box 291	<u>Carmi</u>		Tllinois
idress	City		
	DESCRIPTION OF A	WELL AND LEASE	
	- Bascina Providence	Well number	Elevation (ground)
ame of lease  Eastern-Santa Fe Fee		20	6157
Tell location	(give footage from section lines)		ownship—range or block & survey
2640 S of N.L. & 1320 leld & reservoir (If wildcat, so state)		County 23	-19N-27E
Wildcat		ļ	
listance, in miles, and direction from			
11 miles south o		Dietance from proposes	d location to nearest drilling.
Tearest distance from proposed locati o property or lease line:	on .	completed or applied—	for well on the same lease:
	1320' feet	<u> </u>	[cet
Proposed depth:	Rotary or cable tools Rotary	A	pprox. date work will start April 24, 1963
Sumber of acres in lease:	Rocary	Number of wells on les	ise including this well.
		completed in or drilling	to this reservoir:
f lease, purchased with one or more	Name	One	Address
• Fill in Proposed Casing Program	on other side		
CERTIFICATE: I, the undersigned, t	inder the penalty of perlury, state f	that I am the	ecretary of the
			by said company to make this report; and that this
report was prepared under my supe	rvision and direction and that the fa	and that I am authorized acts stated therein are true	e, correct and complete to the best of my knowledge
April 11, 1963		Signature	71 Edwards
230		S-7-1	TE OF ARIZONA OU CAC
Permit Number:	17 - 63		ITE OF ARIZONA OIL & GAS DISERVATION COMMISSION
Approval Date:	ikelber		ation to Drill, Deepen or Piug Back
Notice: Refore sending in this for	m be sure that you have given		File two copies
all information requested. ence will thus be avoided.	Much unnecessary correspond-	material of Or	April 6, 19 59

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See Instruction on Reverse Side of Form

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WEAT TO THE PARTY OF THE PARTY

#### INSTRUCTIONS

### READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

### PROPOSED CASING PROGRAM

Not copp Chound I Rodking									
Size of Casing	Weight	Grade & Type	Тор	Bottom	Cementing Depths	Sacks Cement			
Surface 7"	23#	J-55	-0-	601	601	30			
	<u> </u>	i	i						

South State of the March 18 and the

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Form No. P-1

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Section € Hole Proposed Location Scale: 1"= 1000"

# WELL LOCATION: Eastern Petroleum — Santa Fe # 20

Located 2640 feet South of the North line and 1320 feet West of the East line of Section 23, Range 27 East,

Township 19 North, Apache Co., Arizona Gita & Salt Biver Meridian

6.1. 6157

## EASTERN PETROLEUM

WELL LOCATION PLAT Sec. 23, T.19 N., R.27 E. Apache Co., Arizona

E.M. CLARK & ASSOC. DATE: March 4,1963 Durango , Colorado

FILE NO: 63010

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A the bast of an knimledge and belief. Registered Land Surveyor
AR 11
State of Arizona # 4973

The same of the sa

Operator <u>Eastern Petroleum Company</u>

Bond Company <u>U. S. Fidelity & Guaranty Co.</u> Amount \$10,000

Bond No. 27716-13-3746-60 Date Approved 8-1-60

Permits covered by this bond:

DATE Star 11-22-65

A The water of the contract of

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Sant Inc.

A30

227

284

May 13, 1965

Mr. Heary Fullop Eastern Petroleum Company Som 291 Carmi, Illinois

Dear Hank:

Actached is a list showing Eastern's wells and what we need from Eastern Petroleum in order to complete our files.

We have attempted in the past to get you to furnish this information. I do not want to have to go against the bond or to get the Attorney General in on this in order to securathis information which, as you know, by law the Commission is entitle to.

If you need any forms, or if we can help you in any way in securing and filing this information, please let us know.

Please comply with this request at your earliest convenience.

Sincerely,

John Bannister Executive Secretary

er ene

cc: Attorney General

ante de de de marie de la plugging reine de 3-21N-295 2) completen de la proposition de la proposition

May 13, 1965

Mr. Henry Follop Eastern Petroleum Company Box 291 Carmi, Illinois

Dear Hanki

Attached is a list showing Eastern's wells and what we used from Eastern Petroleum in order to complate our files.

We have attempted in the past to get you to furnish this information. I do not want to have to go against the bond or to get the Attorney General in on this in order to secura this information which, as you know, by law the Commission is entitle to.

If you meed any forms, or if we can halp you in any way in securing and filing this information, please lat us know.

Please comply with this request at your earliest convenience. Sincerely,

John Bannister Executive Secretary

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cc: Attorney General

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Garmit. EASTERN SOND No. 2716-13-5/30 -O Completions + 21. EASTERN SANTA R # 23 Need: Sec 25-21N-28E Apoche la., Heiz Santa Fe #12 Meed: Oflygging regent Je 11- 2011-27E . Completion a loude la longe Sugar low- 30E De Completion Santa In Let 10 Med: O Maple to pring a plugging real. 2 Tompleton Santa Te lou Hole ned: a plugging decons againe 4. Car Hale To Bis Tile #1 need Q shinging . Mine

The second secon

Lei 13-20N-17E Elangleton "
Apache la Landa de Fre #19 Work) plugging report

Les 12-19N-27E y Completion "

Grache lo Le 15 - 30N-27E Le 1-19 K- 20 E. Complétion resident le la Complétion resident le la Complétion de la Compl made lo #1 ned () Completion report Le 35-21N-20E apache lo ... aprile lo.

A Designation of the second se

Janta Se #5 Epacke lo. . need completion and wante de #6 A. 25- 20N- 27E egiste le 3. Sout to fee H21 need: 11 lags as Englishm Goot Lec 4-20N-28E Starte to. reed: W line inta le Tee # 23 227 a completion went



PAUL FANNIN

LYHN LOCKHART

R. KEITH WALDEN VICE CHARMAN

CHARLES KALIL M.D.

ORME LEWIS MEMBER LUCIEN B. OWENS

Bil and Gus Conservation Commission

STATE OF ARIZONA

800 NOOR

Phoenix, Arinous 85907

PHONE: 271-\$141

Mr. J. N. Edwards Eastern Petroleum Company Box 291 Carmi, Illinois

Dear Mr. Edwards:

In reviewing our files we find that we are without numerous and various forms necessary to complete our files in some cases, and in others the required forms are necessary that we may keep our files current with the operations of your wells. I am enclosing a substantial number of the required forms together with a guide so that you may fill out the proper information with the wells concerned. Inasmuch as we are trying to stay current your early cooperation will be appreciated.

If there is any appletance that we may give plouse advise.

Bill Cooper

JOHN BANNISTER ERECUTIVE SECRETARY

April 19, 1963

Eastern Petroleum Company P. O. Box 291 Carmi, Illinois

Re: Santa Fe Fee #19 - Sec. 12; T19N, R27E Santa Fe Fee #20 - Sec. 23, T19N, R27E Both in Apache County, Arizona

## Gentlemen:

Enclosed are your approved copies of application to drill the captioned tests together with your receipt for the permit fees in the amount of \$50.00.

Best wishes on these projects.

Yours very truly,

N. A. Ludewick Executive Secretary

encs 3

April 15, 1963

Mr. R. Keith Walden, Chairman Oil and Gas Conservation Commission P. O. Box 1271 Tucson, Arizona

Dear Mr. Walden:

Enclosed are two applications for permit to drill from Eastern Petroleum Company.

One is tentatively assigned Permit No. 229 covering Santa Fe Fee #19, Sec. 12, T19N, R27E, Apache County and the other tentatively assigned No. 230 covering Santa Fe Fee #20, Sec. 23, T19N, R27E, Apache County.

The \$25.00 fee covering each of these permits have been received.

The application for well No. 20 which is designated a wildcat would, in event of gas production, be off the spacing pattern as outlined in the regulations. If oil production is found, it would be entirely proper. Since this is a wildcat and no designation is made as to oil or gas, it is my recommendation that the application be approved as submitted. In the event of gas production, proper steps may be taken by the commission to afford an offset operator protection from drainage.

Yours very truly,

N. A. Ludewick Executive Secretary

encs 6